Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022649.D
Acq On : 27 Jun 2016 19:18
Operator : UM/SJ
Sample : PB91595BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91595BS

Manual Integrations APPROVED
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6/28/2016 7:27:24 PM

Quant Time: Jun 28 01:29:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	141256	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	606043	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	452119	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1237567	20.00	ng		0.01
75) Chrysene-d12	21.86	240	1405827	20.00	ng		0.01
86) Perylene-d12	25.22	264	1476455	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	972489	110.42	ng		0.01
7) Phenol-d6	7.32	99	1450241	116.83	ng		0.02
23) Nitrobenzene-d5	9.34	82	1007165	70.34	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	845070	118.84	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1981924	69.52	ng		0.00
78) Terphenyl-d14	20.16	244	3199493	60.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	94690	26.53	ng	#	89
3) Pyridine	3.99	79	290850	29.13	ng		98
4) n-Nitrosodimethylamine	3.90	42	173430	30.37	ng		94
6) Aniline	7.49	93	356264	21.65	ng		95
8) 2-Chlorophenol	7.73	128	336148	36.85	ng		98
9) Benzaldehyde	7.31	77	9599	2.20	ng	#	69
10) Phenol	7.34	94	508757	38.78	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	351873	32.58	ng		94
12) 1,3-Dichlorobenzene	8.06	146	363784	32.77	ng		99
13) 1,4-Dichlorobenzene	8.21	146	367639	33.03	ng		99
14) 1,2-Dichlorobenzene	8.53	146	357100	33.74	ng		97
15) Benzyl Alcohol	8.41	79	427162	37.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	390034	32.65	ng		100
17) 2-Methylphenol	8.61	107	322748	37.32	ng		96
18) Hexachloroethane	9.26	117	144513	31.37	ng		91
19) n-Nitroso-di-n-propylamine	8.98	70	343197	33.20	ng		96
20) 3+4-Methylphenols	8.94	107	454979	38.19	ng		92
22) Acetophenone	9.00	105	593707	33.89	ng	#	91
24) Nitrobenzene	9.38	77	523864	33.10	ng		93
25) Isophorone	9.91	82	904430	32.54	ng		98
26) 2-Nitrophenol	10.10	139	204648	35.90	ng		92
27) 2,4-Dimethylphenol	10.15	122	361903	33.23	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	507900	33.47	ng		96
29) 2,4-Dichlorophenol	10.64	162	410724	38.71	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	422953	33.57	ng		96
31) Naphthalene	11.05	128	1018974	33.45	ng		98
32) Benzoic acid	10.28	122	282130	40.52	ng		95
33) 4-Chloroaniline	11.15	127	76481	5.83	ng	#	89
34) Hexachlorobutadiene	11.33	225	324873	33.17	ng		97
35) Caprolactam	11.93	113	143224m	42.85	ng		
36) 4-Chloro-3-methylphenol	12.26	107	511566	39.27	ng		98
37) 2-Methylnaphthalene	12.64	142	789196	33.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	558577	32.73	ng		99
40) Hexachlorocyclopentadiene	12.98	237	808786	59.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	397895	36.35	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	428526	37.42	ng		94
45) 1,1'-Biphenyl	13.64	154	1129576	32.80	ng		97
46) 2-Chloronaphthalene	13.68	162	925471	32.66	ng		95
47) 2-Nitroaniline	13.88	65	397101	36.30	ng		99
48) Acenaphthylene	14.53	152	1397377	34.00	ng		98
49) Dimethylphthalate	14.25	163	1288382	34.35	ng		98
50) 2,6-Dinitrotoluene	14.37	165	300856	36.92	ng		88
51) Acenaphthene	14.87	154	935782	30.90	ng		100
52) 3-Nitroaniline	14.71	138	168029	22.03	ng		98
53) 2,4-Dinitrophenol	14.91	184	437920	87.24	ng		94
54) Dibenzofuran	15.20	168	1475285	33.64	ng		97
55) 4-Nitrophenol	15.01	139	495351	76.82	ng		99
56) 2,4-Dinitrotoluene	15.16	165	447304	39.62	ng		92
57) Fluorene	15.85	166	1218085	34.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	457236	38.51	ng	#	98
59) Diethylphthalate	15.61	149	1353188	35.09	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	727064	34.89	ng		99
61) 4-Nitroaniline	15.88	138	310205	39.42	ng	#	87
62) Azobenzene	16.14	77	1388350	33.25	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	308132	37.13	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1193290	33.13	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	529496	32.98	ng		98
67) Hexachlorobenzene	16.86	284	557122	32.82	ng		99
68) Atrazine	17.01	200	533197	35.07	ng		99
69) Pentachlorophenol	17.20	266	821659	70.33	ng		98
70) Phenanthrene	17.61	178	2113000	33.48	ng		96
71) Anthracene	17.70	178	2150641	33.11	ng		98
72) Carbazole	17.97	167	1959209	35.58	ng		98
73) Di-n-butylphthalate	18.51	149	2225415	34.71	ng		98
74) Fluoranthene	19.61	202	2546455	35.02	ng		96
76) Benzidine	19.78	184	850489	56.82	ng		98
77) Pyrene	19.97	202	2610443	34.86	ng		94
79) Butylbenzylphthalate	20.85	149	1148795	35.44	ng		95
80) Benzo(a)anthracene	21.83	228	2764479	35.54	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	606413	18.87	ng		95
82) Chrysene	21.90	228	2584472	35.36	ng		92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1522456	33.36	ng		97
84) Di-n-octyl phthalate	22.99	149	2546495	33.85	ng		98
85) Indeno(1,2,3-cd)pyrene	29.08	276	3334734	34.71	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3020108m	34.02	ng		
88) Benzo(k)fluoranthene	24.22	252	2931661	34.93	ng	#	96
89) Benzo(a)pyrene	25.06	252	2963480	34.24	ng		96
90) Dibenzo(a,h)anthracene	29.15	278	2774988	34.06	ng	#	96
91) Benzo(g,h,i)perylene	30.28	276	2689262	32.43	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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